



Enabling Grids for E-science

VOMS-aware Middleware Deployment: “Assessment of loose ends”

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1. No Rules for ACBRs

- Difference in interpretation of attributes
- Each VOMS-aware MW handles ACBRs differently

2. No Rules for matching

- Matchmaking compiles a pre-selection of possible sites
- LCMAPS performs filename like comparisons (almost equal to string matching) in a switch statement like manner
- ...adding Generic Attribute will complicate the mix even more

3. Decisions like:

- VO:atlas → Needs DENY (equals *another-long-living-Hack*)
 - VO:atlas is for the entire VO of Atlas (...but not for production!)

4. Old/new syntax confusion

- `'/VO=atlas/GROUP=/atlas/ROLE=NULL/Capability=NULL'` equals `'/atlas/Role=NULL/Capability=NULL'`
- and does `'/VO=atlas/GROUP=/atlas/Role=NULL/Capability=NULL'` also equal that?

5. Data Management

- Each storage system handles the AuthZ differently
 - Some do “Classic SE-like” AuthZ and mapping
 - Some use different logics for reading and writing files

6. Integration with YAIM

- Misconfiguration are not obvious

7. HALT! Full Stop!

- *Don't waste your time* by abruptly acting on this!
- We need a centric and consistent approach